



SEQUENCE LISTING

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<120> POLYPEPTIDE INHIBITING A PROTON-GATED NA + CHANNEL, A
NUCLEIC ACID CODING FOR SUCH POLYPEPTIDE AND A METHOD
OF MANUFACTURING AN ASIC1A CHANNEL BLOCKER

<130> 1105-R-00

<140> 09/852,378

<141> 2001-05-10

<150> 60/203,309

<151> 2000-05-10

<160> 10

<170> PatentIn Ver. 2.1

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<212> PRT

<213> Psalmopoeus sp.

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Cys Cys Glu Gly Leu Glu Cys Trp Lys Arg Arg Arg Ser Phe Glu Val
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Cys Val Pro Lys Thr Pro Lys Thr
35 40

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<221> MOD_RES

<222> (31)

<223> Variable amino acid

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Cys Cys Glu Gly Leu Glu Cys Trp Lys Arg Arg Arg Ser Phe Xaa Val
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Cys Val Pro Lys
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Cys Glu Gly Tyr Val Cys Arg Leu Trp Cys Lys Leu Asp Trp
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Lys His Leu Gly Cys Lys Phe Arg Asp Lys Tyr Cys Ala Trp Asp Phe
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Thr Phe Ser
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Asn Asp Asp Cys Cys Pro Arg Leu Gly Cys His Ser Leu Phe Ser Tyr
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Cys Ala Trp Asp Leu Thr Phe Ser Asp
 35 40

<210> 9
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Pro His Leu Ala Cys Lys Ser Lys Trp Pro Arg Asn Ile Cys Val Trp
 20 25 30

Asp Gly Ser Val
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<210> 10
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 <213> Psalmopoeus sp.

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 Tyr Cys Gln Lys Trp Met Trp Thr Cys Asp Ser Ala Arg Lys Cys Cys
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Glu Gly Leu Val Cys Arg Leu Trp Cys Lys Lys Ile Ile
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